EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(181/229-231181/243).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 13:21
L1	1	("6,328,513").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 21:05

| L11 | 193 | (US-20050263344-$ or US-20050247516-$ or US-20050224284-$ or US-20050217908-$ or US-20050150716-$ or US-20050082113-$ or US-20040238273-$ or US-20040200665-$ or US-20040081537-$ or US-20040069562-$ or US-20040060763-$ or US-20040055815-$ or US-20030155169-$ or US-20030136607-$ or US-20030030201-$ or US-20020027041-$ or US-20050079032-$ or US-20050189166-$ or US-20050198802-$ or US-20050191149-$).did. or (US-6860686-$ or US-6308927-$ or US-6959902-$ or US-6076794-$ or US-6095481-$ or US-6056471-$ or US-5855443-$ or US-5709513-$ or US-5596845-$ or US-5474408-$ or US-5125194-$ or US-3951556-$ or US-4923319-$ or US-4638608-$ or US-3967906-$ or US-3637244-$ or US-3521413-$ or US-6641326-$ or US-6575536-$ or US-5769583-$ or US-1335613-$ or US-6328513-$ or US-5611409-$ or US-5581055-$ or US-5205719-$ or US-4858722-$). did. or (US-4854417-$ or US-4749058-$ or US-4258798-$ or US-4219100-$ or US-4109749-$ or US-7007720-$ or US-6953313-$ or US-3898063-$ or US-3880252-$ or US-6997662-$ or US-3783590-$ or US-3765607-$ or US-6926117-$ or US-6880787-$ or US-6758512-$ or US-6935460-$ or US-6863154-$ or US-5772252-$ or US-5104271-$ or US-4786201-$ or US-4729707-$ or US-4690365-$ or US-4510898-$ or US-4304503-$ or US-4015504-$ or US-3897112-$ or US-1394072-$). did. or (US-1391633-$ or US-3245142-$ or US-6688856-$ or US-6505697-$ or US-6374943-$ or US-6382931-$ or US-6367580-$ or US-6209678-$ or US-6202785-$ or US-6164410-$ or US-6164066-$ or US-6151982-$ or US-6146050-$ or US-6044926-$ or US-6041890-$ or US-6164062-$ or US-6089348-$ or US-6095460-$ or US-5996731-$ or US-5906477-$ or US-5844177-$ or US-5489753-$ or US-5097924-$ or | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/26 21:22 |

| L12 | 142 | (US-20050263344-$ or US-20050247516-$ or US-20050224284-$ or US-20050150716-$ or US-20050082113-$ or US-20040238273-$ or US-20040200665-$ or US-20040081537-$ or US-20040069562-$ or US-20040060763-$ or US-20040055815-$ or US-20030155169-$ or US-20030136607-$ or US-20020027041-$ or US-20050079032-$ or US-20050189166-$ or US-20050198802-$ or US-20050191149-$).did. or (US-5709513-$ or US-5474408-$ or US-4923319-$ or US-3521413-$ or US-5769583-$ or US-1335613-$ or US-6328513-$ or US-5611409-$ or US-5581055-$ or US-5205719-$ or US-4858722-$ or US-4854417-$ or US-4749058-$ or US-4258798-$ or US-4219100-$ or US-4109749-$ or US-6953313-$ or US-3898063-$ or US-3880252-$ or US-6997662-$ or US-3783590-$ or US-3765607-$ or US-6926117-$ or US-6880787-$ or US-6758512-$ or US-6935460-$). did. or (US-6863154-$ or US-5772252-$ or US-5104271-$ or US-4786201-$ or US-4729707-$ or US-4690365-$ or US-4510898-$ or US-4304503-$ or US-4015504-$ or US-3897112-$ or US-1394072-$ or US-1391633-$ or US-3245142-$ or US-6688856-$ or US-6505697-$ or US-6374943-$ or US-6382931-$ or US-6367580-$ or US-6209678-$ or US-6202785-$ or US-6164410-$ or US-6164066-$ or US-6151982-$ or US-6146050-$ or US-6044926-$ or US-6041890-$ or US-6164062-$). did. or (US-6089348-$ or US-6095460-$ or US-5996731-$ or US-5906477-$ or US-5844177-$ or US-5489753-$ or US-5097924-$ or US-4449609-$ or US-4320864-$ or US-4316523-$ or US-4299305-$ or US-4135602-$ or US-4134472-$ or US-4033428-$ or US-3561561-$ or US-6572127-$ or US-6827538-$ or US-6406239-$ or US-5533580-$ or US-5613968-$ or US-5358367-$ or US-5333978-$ or US-5312005-$ or US-4988067-$ or US-4673240-$ or US-4334815-$ or US-2425935-$) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/26 21:22 |

EAST Search History

L13	0	("L11notL12").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 21:22
L14	51	L11 not L12	US-PGPUB; USPAT	OR	OFF	2006/09/26 21:22
L15	2276	resonator and tool	US-PGPUB; USPAT	OR	OFF	2006/09/26 21:27
L16	55	resonator and tool and ("411"/$.ccls "403"/$.ccls. "181"/$.ccls. "180"/$.ccls.)	US-PGPUB; USPAT	OR	OFF	2006/09/26 21:28
L17	20	("3703937" | "4136756" | "4320815" | "4350223" | "4539813" | "4539947" | "4546733" | "4552029" | "4800985" | "4874062").PN. OR ("5317112"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 21:31
S1	5314	muffler and (pin bolt nut flange)	US-PGPUB; USPAT	OR	OFF	2006/04/13 15:59
S2	5952	muffler and (pin bolt nut flange collar threaded)	US-PGPUB; USPAT	OR	OFF	2006/04/13 16:00
S3	77299	S2 and "411"/$.ccls. "403"/$.ccls. "181"/$.ccls. 180/296,309,89.2.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/13 16:01
S4	892	S2 and ("411"/$.ccls. "403"/$.ccls. "181"/$.ccls. 180/296,309,89.2.ccls.)	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:03
S5	306	(411/389).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:09
S6	0	S5 and muffler	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:09
S7	5	("3245142").PN. OR ("4510898"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 18:59
S8	7	("3622194" | "4295691" | "4445594" | "4921371" | "5069586").PN. OR ("6328513"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:47
S9	7	("3622194" | "4295691" | "4445594" | "4921371" | "5069586").PN. OR ("6328513"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:52
S10	7	("3482649" | "5177962" | "5712455" | "5866859" | "5883342" | "6076732").PN. OR ("6164410"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:13
S11	9	("1280386" | "1342464" | "3650354" | "4142607" | "4231221" | "5315075").PN. OR ("6041890"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:32

S12	4	("4450933" | "4693339").PN. OR ("5996731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:36
S13	11	("4415060" | "4449610" | "4784581" | "5201640" | "5207564" | "5304044" | "5496156" | "5577898" | "5613842" | "5641949").PN. OR ("5906477"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:21
S14	875	(181/229-231,243).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 13:22
S15	17	("2222703" | "2419664" | "3208551" | "3339668" | "3561561" | "3680659" | "3718208").PN. OR ("4749058").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:49
S16	12	("2419664").URPN.	USPAT	OR	OFF	2006/04/14 13:51
S17	36	("1097474" | "1110959" | "1498788" | "2194163" | "2320050" | "2401665" | "2634842" | "2762397" | "2988288" | "3630455" | "3697002" | "4200119" | "4294289" | "4364523").PN. OR ("4624415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:57
S18	6	("3237716" | "4073361" | "4265332" | "4324831").PN. OR ("4422523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:59
S19	25	("1857845" | "2815088" | "3380553" | "3563338" | "3811251").PN. OR ("4134472"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 14:10
S20	5	("3547223").URPN.	USPAT	OR	OFF	2006/04/14 20:35
S21	7	("3208551").URPN.	USPAT	OR	OFF	2006/04/14 20:41
S22	3	("3137365").URPN.	USPAT	OR	OFF	2006/04/14 20:44
S23	175	(411/546).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 21:25
S24	0	S23 and muffler	US-PGPUB; USPAT	OR	OFF	2006/04/14 21:25
S25	17	("2859047" | "3083796" | "4066278" | "4113278" | "4552379" | "4621831" | "4944523" | "5449193" | "5551722" | "5704631" | "5807010" | "6007079" | "6225566").PN. OR ("6402171"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 21:28
S26	7	("4453346" | "4529244" | "5340258" | "5492388").PN. OR ("6062791").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 21:33

EAST Search History

S27	5	("2934684").URPN.	USPAT	OR	OFF	2006/04/14 21:49
S28	370	engine and muffler and tool	USPAT	OR	OFF	2006/04/14 21:57
S29	0	sthil	USPAT	OR	OFF	2006/04/14 21:57
S30	613	stihl	USPAT	OR	OFF	2006/04/14 21:57
S31	498	stihl.as.	USPAT	OR	OFF	2006/04/14 21:58
S32	58	S31 and muffler	USPAT	OR	OFF	2006/04/14 21:58
S33	27	("0389028" | "0838448" | "1018490" | "1335613" | "3943818" | "4457117").PN. OR ("4729707"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:40
S34	2	heat with standoff and "411"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:41
S35	16	muffler and "411"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:42
S36	5	("2934684").URPN.	USPAT	OR	OFF	2006/04/14 22:45
S37	52	muffler and standoff	US-PGPUB; USPAT	OR	OFF	2006/09/25 18:49
S38	1520	(muffler resonator) and bolt and (spacing spacer standoff)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/25 19:01
S39	222	(muffler resonator) and bolt and (spacing spacer standoff) and (isolation isolator)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/25 19:01
S40	0	("2003/0030201").URPN.	USPAT	OR	OFF	2006/09/25 19:04
S41	11	("2525736" | "3257889" | "4762450").PN. OR ("5709513"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 20:50
S42	46	("0776251" | "1763682" | "1926925" | "2915265" | "3018990" | "3083796" | "3499630" | "3521413" | "3637244" | "3837752" | "3951556" | "3967906" | "3996065" | "4528786" | "4638608" | "4654987" | "4923319" | "5004366" | "5125194" | "5214886" | "5474408" | "5480121" | "5596845" | "5709513" | "5855443" | "6056471" | "6076794" | "6095481" | "6113055" | "6116833" | "6210066" | "6216413").PN. OR ("6308927").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 21:06

EAST Search History

S43	3	heat with (dissipates dissapating) with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 21:06
S44	27	("0389028" | "0838448" | "1018490" | "1335613" | "3943818" | "4457117").PN. OR ("4729707"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 21:09

| S45 | 162 | (US-20050263344-$ or US-20050247516-$ or US-20050224284-$ or US-20050217908-$ or US-20050150716-$ or US-20050082113-$ or US-20040238273-$ or US-20040200665-$ or US-20040081537-$ or US-20040069562-$ or US-20040060763-$ or US-20040055815-$ or US-20030155169-$ or US-20030136607-$ or US-20030030201-$ or US-20020027041-$ or US-20050079032-$ or US-20050189166-$ or US-20050198802-$ or US-20050191149-$).did. or (US-6860686-$ or US-6308927-$ or US-6959902-$ or US-6076794-$ or US-6095481-$ or US-6056471-$ or US-5855443-$ or US-5709513-$ or US-5596845-$ or US-5474408-$ or US-5125194-$ or US-3951556-$ or US-4923319-$ or US-4638608-$ or US-3967906-$ or US-3637244-$ or US-3521413-$ or US-6641326-$ or US-6575536-$ or US-5769583-$ or US-1335613-$ or US-6328513-$ or US-5611409-$ or US-5581055-$ or US-5205719-$ or US-4858722-$). did. or (US-4854417-$ or US-4749058-$ or US-4258798-$ or US-4219100-$ or US-4109749-$ or US-7007720-$ or US-6953313-$ or US-3898063-$ or US-3880252-$ or US-6997662-$ or US-3783590-$ or US-3765607-$ or US-6926117-$ or US-6880787-$ or US-6758512-$ or US-6935460-$ or US-6863154-$ or US-5772252-$ or US-5104271-$ or US-4786201-$ or US-4729707-$ or US-4690365-$ or US-4510898-$ or US-4304503-$ or US-4015504-$ or US-3897112-$ or US-1394072-$). did. or (US-1391633-$ or US-3245142-$ or US-6688856-$ or US-6505697-$ or US-6374943-$ or US-6382931-$ or US-6367580-$ or US-6209678-$ or US-6202785-$ or US-6164410-$ or US-6164066-$ or US-6151982-$ or US-6146050-$ or US-6044926-$ or US-6041890-$ or US-6164062-$ or US-6089348-$ or US-6095460-$ or US-5996731-$ or US-5906477-$ or US-5844177-$ or US-5489753-$ or US-5097924-$ or | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/26 10:40 |

S46	15	S45 and muffle	US-PGPUB; USPAT	OR	OFF	2006/09/26 10:41
S47	82	S45 and muffler	US-PGPUB; USPAT	OR	OFF	2006/09/26 10:53
S48	1	("5906477").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 10:54
S49	11	("4415060" | "4449610" | "4784581" | "5201640" | "5207564" | "5304044" | "5496156" | "5577898" | "5613842" | "5641949").PN. OR ("5906477"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:12
S50	15	("4911619" | "5207564").PN. OR ("5577898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:15
S51	6	("5207564" | "5304044" | "5577898").PN. OR ("5697766"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:18
S52	3	("5207564" | "5304044" | "5577898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:19
S53	5	("4313715" | "4477229" | "4784581" | "5207564" | "5577898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:19
S54	2	("4911619" | "5207564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:20
S55	1	("4111278").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:24
S56	15	("4111278").PN. OR ("4415060"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:24
S57	37	("1025759" | "2650114" | "2712950" | "3066857" | "3066959" | "3781941" | "3864054" | "3948546" | "3950014" | "3989280" | "4239461" | "4352642" | "4370104" | "4371319" | "4396359" | "4401418" | "4411600" | "4412791" | "4415060" | "4428602" | "4477229" | "4573880" | "4573881" | "4582468" | "4755108" | "4759693" | "4779902" | "4784581" | "4784583" | "4973775").PN. OR ("5220811"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 11:27

EAST Search History

S58	45	("1402896" | "3044688" | "3075686" | "3876339" | "4313715").PN. OR ("4401418"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 12:49
S59	12	("3224473" | "3967698" | "4010544" | "4662071").PN. OR ("5243764").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 13:43
S60	1	("4401418").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 14:20
S61	15	(("3897713") or ("3458132") or ("2263050") or ("1896388") or ("1126531") or ("3943818") or ("3276172") or ("2877732") or ("1644477") or ("1610934") or ("0928237") or ("0571042") or ("0375907") or ("0313193") or ("0197721")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 14:21
S62	1	("375907").URPN.	USPAT	OR	OFF	2006/09/26 14:23
S63	5	("197721").URPN.	USPAT	OR	OFF	2006/09/26 14:24
S64	17	("0197721" | "0313193" | "4033393").PN. OR ("4786201"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 14:42
S65	1	("5243764").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 16:44
S66	4	(("6,328,513") or ("5,906,477") or ("5,333,978") or ("1,574,466")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 18:27
S67	16	standoff and muffler and exhaust and nut and heat	US-PGPUB; USPAT	OR	ON	2006/09/26 18:36
S68	70	standoff and muffler	US-PGPUB; USPAT	OR	ON	2006/09/26 21:05